

ORIG :
UNIT : NPIC
EXT :
DATE : 12 APR 63

CLASSIFIED MESSAGE

TOP SECRET

ROUTING			
1	LS	4	TCO/DDR
2	SA/DDR	5	TCH
3	TSOICIA	6	

50X1
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OUT 00853

TO : AFSSO ACIC, SSO AMS
FROM :
CONF: OSA/TCO 1-8
INFO : DIAXX
DTG 1748Z 12 APR 63

DOCUMENT NO. _____
NO CHANGE IN CLASS. ☐
☐ DECLASSIFIED
CLASS. CHANGED TO: TS ^S C 2011
NEXT REVIEW DATE: _____
AUTH: _____
DATE: 18/1/81 REVIEWER: _____

TO INFO CITE

TOP SECRET. THIS IS A MESSAGE. HANDLE VIA TALENT-KEYHOLE CONTROL SYSTEM 50X1
ONLY. RELEASABLE FROM SSO CHANNELS. SSOS PASS TO APPROPRIATE TCOS. CITE:
OPCEN 5713.

FROM THE NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

1. SUBJECT: INDEX CAMERA, KH-4 SYSTEM.
2. SO-206 FILM IS CURRENTLY USED IN THE INDEX CAMERA. THIS IS A FINE GRAIN FILM WITH A RESOLUTION CAPABILITY OF 110 1/mm AT 1.6:1 CONTRAST. UNDER THE VARIABLE LIGHT CONDITIONS EXPERIENCED ON A MISSION, THE PROCESSING CHARACTERISTICS OF THIS FILM RESULTS IN ABOUT 25 PER CENT OF THE FRAMES BEING DEGRADED TO SOME EXTENT BECAUSE OF REDUCED CONTRAST AND EITHER HIGH OR LOW DENSITY.
3. IT IS POSSIBLE TO USE SO-130 FILM IN THE INDEX CAMERA. THIS EMULSION IS MORE GRAINY WITH A RESOLUTION CAPABILITY OF 65 1/mm AT 1.6:1 CONTRAST. THE CONSIDERABLY GREATER PROCESSING LATITUDE OF SO-130 FILM WOULD REDUCE THE PERCENT OF DEGRADED FRAMES TO LESS THAN 10 PERCENT.
4. REQUEST YOUR COMMENTS BY COB 19 APRIL ON USE OF SO-130 VS SO-206 FILM IN THE INDEX CAMERA FOR FUTURE MISSIONS, CONSIDERING THE MORE UNIFORM IMAGRY

COORDINATING OFFICERS

TOP SECRET

RELEASING OFFICER

GROUP I
Excluded from automatic down-
grading and declassification.
AUTHENTICATING OFFICER

CLASSIFIED MESSAGE

TOP SECRET

ORIG :
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ROUTING			
1		4	
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PRECEDENCE	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

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TO INFO CITE

THROUGHOUT THE ENTIRE MISSION OBTAINABLE ON SO-130 FILM AS AGAINST SOME INCREASED GRAININESS OF THIS FILM.

END OF MESSAGE

50X1

COORDINATING OFFICERS

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Asst for Ops/NPIC

RELEASING OFFICER

AUTHENTICATING OFFICER

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